

Iowa Crops & Weather



Iowa Agricultural Statistics
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For the week ending July 6, 2003

Soybean Acreage Blooming at 14 Percent

Agricultural Summary: The heat and humidity common to Iowa summers aided crop growth last week. Storms occurring late last week across northern Iowa resulted in scattered reports of lodged oats, leaning corn, and hail, while southern Iowa reported a need for more rain. Despite the storms, overall crop conditions were some of the best for early July. On average, corn grew 16 inches during the past week.

There were 4.6 **days suitable for fieldwork**, compared to 3.9 days last week and 6.4 days last year at this time. **Topsoil moisture** rated 3 percent very short, 13 percent short, 73 percent adequate, and 11 percent surplus across Iowa. **Subsoil moisture** rated 3 percent very short, 15 percent short, 72 percent adequate, and 10 percent surplus.

Field Crops Report: The **oat acreage headed** was 98 percent, and the **oat acreage turning color** was 39 percent. **Oat** condition rated 0 percent very poor, 2 percent poor, 18 percent fair, 62 percent good, and 18 percent excellent. **Corn** condition rated 1 percent very poor, 3 percent poor, 14 percent fair, 56 percent good, and 26 percent excellent. The **soybean acreage blooming** was 14 percent. **Soybean** condition rated 1 percent very poor, 3 percent poor, 16 percent fair, 57 percent good, and 23 percent excellent. The **second cutting of alfalfa hay** was 21 percent complete. **Hay** condition rated 1 percent very poor, 5 percent poor, 18 percent fair, 61 percent good, and 15 percent excellent.

Livestock, Pasture, and Range Report: Livestock condition continued to be good, but warm weather and fly problems were noted. **Pasture and Range** condition rated 1 percent very poor, 5 percent poor, 21 percent fair, 58 percent good, and 15 percent excellent.

Iowa Weather Summary

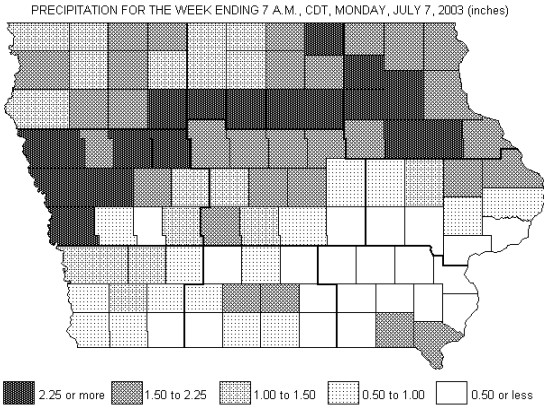
The past work week began with near normal temperatures on Monday (30th) and Tuesday (1st) when afternoon readings were in the

80's statewide. Warmer and more humid air dominated the state for the remainder of the week. Afternoon temperatures reached into the low 90's in western Iowa on Wednesday (2nd) and were in the 90's nearly everywhere in the state on Thursday (3rd). Somewhat cooler air filtered into northwest Iowa on Friday (4th) while 90's again prevailed in the southeast. Afternoon temperatures in the 80's were common across northern Iowa on Saturday (5th) and Sunday (6th) with 90's in the south. Temperature extremes for the week ranged from Tuesday (1st) morning lows of 55 degrees at Mason City and Fayette up to Thursday (3rd) afternoon highs of 98 degrees at Mapleton, Shenandoah, and Ankeny. Temperatures for the week as a whole varied from 1.0 degree above normal at Marshalltown up to 4.4 degrees above normal at the Quad Cities.

Meanwhile, most of Iowa was dry on Monday (30th), Tuesday (1st), and Wednesday (2nd). However, strong thunderstorms developed on a daily basis from late Thursday (3rd) into Monday (7th) morning. Nearly all northern Iowa locations received an inch or more of rain over the past four nights. However, rainfall was more scattered across the south where Washington reported no rain at all and Bloomfield received only 0.04 inch. The greatest weekly rain totals were reported from Mapleton with 4.83 inches and Dumont with 4.27 inches. The statewide average precipitation was 1.36 inches while normal for the week is 0.98 inches.

Severe weather was widespread from Thursday (3rd) night into Monday (7th) morning. Severe winds were reported from 32 counties late Thursday night into Friday morning, particularly across the northern one-third of the state. Twenty-four hours later, large hail and/or high winds were reported from 25 counties from west central through central into east central Iowa on Friday night into Saturday morning. Thunderstorms late Saturday into Sunday morning produced severe weather reports from 16 counties in southwest and far southern Iowa. Finally, another 15 counties in central, northeast and east central Iowa reported severe weather on Sunday night into Monday morning. The past four days have been the most active stretch of severe weather days thus far in 2003.

Statewide Crop Conditions as of July 6, 2003					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	1	3	14	56	26
Hay, all	1	5	18	61	15
Oats	0	2	18	62	18
Range & Pasture	1	5	21	58	15
Soybeans	1	3	16	57	23



Field Work and Crop Progress as of July 6, 2003													
Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
Corn, tallest height Corn, average height	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>
	56	61	55	56	65	64	65	63	69	61	43	66	63
	45	50	40	44	51	50	53	45	49	47	31	53	49
Soybeans blooming Oats turning color Hay, alfalfa - second crop harvested	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
	21	9	33	10	14	10	14	6	10	14	NA	45	31
	38	26	31	28	42	44	45	51	58	39	11	NA	NA
	23	16	26	16	17	18	26	15	25	21	7	NA	NA

NA = Not available.

Days Suitable & Soil Moisture Condition as of July 6, 2003												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
	3.2	2.9	3.9	4.9	4.8	5.7	5.9	6.0	6.6	4.6	3.9	6.4
Topsoil moisture	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
	Very short	0	0	2	1	0	3	5	10	2	3	31
Subsoil moisture	Short	5	0	6	12	4	31	14	20	34	13	36
	Adequate	79	72	74	77	83	65	77	66	63	73	33
	Surplus	16	28	18	10	13	1	4	4	1	11	0
	Very short	0	0	1	1	0	3	4	18	2	3	21
	Short	3	1	15	11	4	20	17	34	38	15	32
	Adequate	91	63	68	78	86	77	75	47	59	72	46
	Surplus	6	36	16	10	10	0	4	1	1	10	0

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, July 6, 2003										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	91	54	74	4	1.83	0.97	12.78	1.86	171	23
	92	54	75	2	2.06	1.13	13.90	2.79	177	15
	92	53	74	3	1.77	0.86	11.90	0.97	170	13
	92	57	76	5	2.00	1.06	11.20	0.53	185	13
Britt Humboldt Mason City Northwood	North Central District									
	91	57	73	1	1.27	0.22	15.82	3.88	164	3
	93	58	73	0	3.31	2.26	18.72	6.46	165	5
	92	53	73	3	1.42	0.40	13.55	1.11	166	14
	89	55	73	1	1.03	0.05	15.36	3.70	160	6
Decorah Dubuque Elkader Independence Waterloo	North East District									
	89	53	74	3	1.17	0.21	11.33	-1.00	171	16
	89	57	74	3	1.09	0.18	11.07	-1.82	166	17
	94	52	74	3	1.80	0.89	16.09	4.28	170	-7
	93	54	73	3	1.30	0.25	17.36	4.68	162	-16
	96	58	77	5	1.54	0.42	16.00	3.19	190	33
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	95	53	74	-2	0.46	-0.49	14.79	2.11	167	-4
	96	52	74	2	1.83	0.75	14.30	0.84	173	9
	95	56	74	-1	2.00	1.14	12.56	0.45	167	10
	97	51	75	2	1.38	0.44	14.14	1.02	175	10
	96	55	75	2	0.66	-0.28	12.65	-0.01	177	16
	95	56	75	2	1.09	0.01	17.37	3.91	174	10
	97	55	76	2	1.84	0.95	16.77	4.26	187	10
	94	56	74	-1	2.96	1.91	16.78	4.52	166	-2
	96	54	75	1	3.29	2.50	14.47	4.08	177	5
	Central District									
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	93	56	75	3	2.10	0.99	14.76	1.21	175	18
	96	54	75	2	2.16	1.15	17.63	3.75	176	15
	95	63	78	3	0.95	0.03	15.84	3.58	199	20
	94	59	75	3	1.60	0.50	15.87	2.77	176	17
	92	56	74	2	1.59	0.57	14.56	1.72	172	13
	95	62	76	2	1.30	0.37	16.14	3.36	182	14
	95	56	75	3	1.65	0.70	19.57	6.61	176	13
	94	58	74	2	0.53	-0.51	13.61	0.52	170	13
	East Central District									
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	91	57	74	2	0.33	-0.67	12.89	0.59	173	8
	92	57	75	1	0.24	-0.70	9.35	-2.72	180	8
	94	57	76	2	0.06	-1.06	10.15	-3.08	186	7
	93	54	75	2	0.44	-0.61	8.51	-5.08	177	16
	90	55	73	2	1.09	0.16	8.99	-3.42	163	5
	91	60	76	1	0.34	-0.71	14.21	1.53	184	33
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	96	56	76	2	0.78	-0.34	14.59	1.00	184	8
	97	58	77	3	0.66	-0.29	14.20	1.03	192	16
	96	55	75	2	1.41	0.42	13.86	1.31	180	15
	95	57	77	2	1.04	-0.06	14.38	0.34	192	10
Allerton Beaconsfield Chariton Indianola Leon	95	61	77	2	0.18	-0.87	11.43	-1.08	189	5
	South Central District									
	93	59	75	2	1.22	0.17	11.81	-0.87	175	35
	93	61	75	2	0.36	-0.69	10.90	-1.62	180	13
	95	54	74	1	1.50	0.38	14.37	1.02	171	5
Bloomfield Burlington Ottumwa	92	52	73	-2	0.47	-0.51	17.81	4.67	160	-7
	94	56	75	1	0.78	-0.13	14.99	1.87	173	3
	South East District									
	94	63	77	3	0.04	-0.94	14.20	1.50	192	15
	92	63	77	3	0.51	-0.47	11.39	-0.79	192	17
	93	58	76	1	0.04	-0.94	11.23	-0.66	184	5

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2003: AWIS, Inc. All Rights Reserved.